Amplifiers

XM-7527

2/1 Channel Amplifier

- 75 W x 2 (4 ohm) at 0.04% THD (14.4 V)
- 150 W x 2 at 2 ohm (14.4 V)
- 300 W x 1 (4 ohm) (14.4V)
- Non-Negative Feedback Design
- High Current MOSFET Output Stage
- 0.5 ohm Drive Capability
- MOSFET Switching Power Supply
- Dual Mode Mono/Stereo
- 50-200 Hz LP Filter, 50-200 Hz HP Filter
- 7-40 Hz Low Frequency Boost/Cut

Specifications

Circuit System	Pure Direct Drive SEPP Pulse Power Supply
Inputs	RCA Pin Jacks
Outputs	Speaker Terminals
Speaker Impedance (*Hi-current mode)	0.5*-8 Ω (stereo) 1*-8 Ω (when used as bridging amplifier)
Rated Outputs (at 14.4 VDC, NFB on) (Hi-Current /Hi-Voltage)	35.7/75 W x 2 (20-20,000 Hz, 0.04% THD, at 4 Ω) 75/150 W x 2 (20-20,000 Hz, 0.10% THD, at 2 Ω) 150/300 W x 1 (20-20,000 Hz, 0.10% THD, at 4 Ω)
(Hi-Current)	150 W x 2 (20-20,000 Hz, 0.3% THD, at 1 Ω) 180 W x 2 (20-20,000 Hz, 0.3% THD, at 0.5 Ω) 300 W x 1 (20-20,000 Hz, 0.10% THD, at 2 Ω) 360 W x 1 (20-20,000 Hz, 0.3% THD, at 1 Ω)
Maximum Output (Hi-Current /Hi-Voltage)	90/180 W x 2 (at 4 ohms) 180/300 W x 2 (at 2 ohms) 360/600 W x 1 (at 4 ohms)
Frequency Response	5 Hz-100 Hz (+0/-3 dB)
Harmonic Distortion	0.005% or less (at 1 kHz, 4 ohms)
Input Level Adjustment Range	0.2-4.0 V
High-Pass Filter	50-200 Hz, -12 dB/oct
Low-Pass Filter	50-200 Hz, -12 dB/oct
Low Boost & Cut	0-10dB (7-40Hz)
Power Requirements	12 V DC Car Battery (negative ground)
Power Supply Voltage	10.5-16 V
Current Drain	At Rated Output: 23 A (4 ohms, Hi-Voltage), 58 A (4 ohms, Hi-Current); Remote Input: 1.6 mA
Dimensions (w/h/d)	Approx. 321 x 84 x 287mm (315 w/cover)/(12 5/8 x 3 5/16 x 11 1/4 in.) (12 3/8 in. w/cover)
Weight	Approx. 5 kg (11 lb.)
Supplied Accessories	Mounting Screws (4), Terminal Protect Cover (1), 3mm Hex Wrench (1)

Design and specifications subject to change without notice.

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